

# Kirei EchoPanel<sup>®</sup>

material safety data sheet



## CONTACT INFORMATION:

Kirei USA  
412 N. Cedros Avenue  
Solana Beach, CA 92075  
619-236-9924  
info@kireiusa.com

## PART 1: PRODUCT IDENTIFICATION

Product: Kirei EchoPanel<sup>®</sup>  
Synonyms: EchoPanel<sup>®</sup>  
Manufacturing Location: Australia

## PART 2: COMPOSITION

Ingredients: Polyester Fibres (Polyethylene Terephthalate) 100%, including up to 60% post consumer recycled content.

## PART 3a: HAZARD IDENTIFICATION

Physical Hazards: Polyester fiber product is chemically stable and resistant to attack by oils, solvents, weak acids and weak alkalis. The product will burn if exposed to flame.

Health Hazards: Not normally a hazard to eyes, skin, if swallowed or inhaled, due to the physical form of a product. This product is non-irritant and does not present any health hazard during manufacture, normal handling or use.

## PART 3b: HAZARD IDENTIFICATION (continued)

Primary Route(s) of Exposure: (X) Ingestion  
(X) Skin: Dust  
(X) Inhalation: Dust

Medical Conditions Generally Aggravated By Exposure: EchoPanel dust may aggravate existing respiratory conditions.

Chronic Health Hazards: EchoPanel dust has not been associated with any long term health effects including cancer in animals as well as humans.

## PART 4: EMERGENCY & FIRST AID PROCEDURES

The ingredients in EchoPanel<sup>®</sup> include no known poisonous compounds, although should not be ingested. In the event of ingestion of a substantial ingredient quantity, give water and induce vomiting. Burns caused by molten ingredient require medical treatment

## PART 5: FIRE & EXPLOSION DATA

Flash Point (Method Use): NAP

Flammable Limits: LEL: NAP  
UEL: NAP

Extinguishing Media: Water, carbon dioxide, sand or dry chemical

Autoignition Temp.: Variable [typically 400-500°F (204-260°F)]

Special Firefighting Procedures: None

Unusual Fire and Explosion Hazards: None

Precautionary measures should be taken against static discharge. Products resulting from combustion of polyester will comprise of carbon, hydrogen and oxygen, the exact composition depending on the conditions of combustion.

## PART 6: ACCIDENTAL RELEASE MEASURES

Steps to be Taken In Case Material Is Released or Spilled: Not applicable for product in purchased form. Dust generated from sawing, sanding, drilling, or routing of products may be vacuumed or shoveled for recovery or disposal. Avoid dusty conditions and provide good ventilation. A NIOSH-approved dust respirator should be worn if dust exposure limits are exceeded.

## PART 7: HANDLING & STORAGE

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### Precautions to be Taken In Handling and Storage:

No special handling precautions are required for products in purchased form. Keep in cool, dry place away from open flame. Store in well ventilated area.

## PART 8: EXPOSURE CONTROL MEASURES

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### Personal Protective Equipment:

#### Respiratory Protection:

Not applicable for product in purchased form. A NIOSH-approved dust respirator is recommended when allowable exposure limits are exceeded.

#### Protective Gloves:

Not required. However, cloth, canvas, or leather gloves are recommended to minimize potential mechanical irritation slivers from handling and machining product.

#### Eye Protection:

Not applicable for product in purchased form. Goggles or safety glasses are recommended when machining this product.

#### Other Protective Clothing Or Equipment:

Not applicable for product in purchased form. Outer garments may be desirable in extremely dusty areas.

**Work/hygiene practices:** Follow good hygienic and housekeeping practices. Clean up areas where dust settles to avoid excessive accumulation of this combustible material. Minimize blowdown or other practices that generate high airborne dust concentrations.

#### Ventilation:

##### Local Exhaust:

Provide local exhaust as needed so that exposure limits are met.

##### Mechanical (General):

Provide general ventilation in processing and storage areas so that exposure limits are met.

##### Special :

None.

##### Other:

None.

## PART 9: PHYSICAL/CHEMICAL PROPERTIES

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Boiling Point (@ 760 mm Hg):	NAP
Vapor Pressure (mm Hg):	NAP
Vapor Density (air = 1; 1 atm):	NAP
Specific Gravity (H <sub>2</sub> O = 1):	0.58 g/ml
Melting Point:	NAP
Evaporation Rate (Butyl acetate = 1):	NAP
Solubility in Water (% by weight):	<0.1% Volatile by Volume [ @ 70oF (21oC)]: 0
pH:	NAP
Oil-water distribution coefficient:	NAP
Odor threshold:	ND

## PART 10: STABILITY AND REACTIVITY

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Stability:	( ) Unstable (x) Stable
Conditions to Avoid:	Avoid open flame. Product may ignite at temperatures in excess of 400°F (204°C).
Incompatibility (Materials to Avoid):	Avoid contact with oxidizing agents.
Hazardous Polymerization:	( ) May occur (x) Will not occur
Sensitivity to Mechanical Impact:	NAP
Sensitivity to Static Discharge:	NAP

## PART 11: TOXICOLOGICAL INFORMATION

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None available for product in purchased form.

## PART 12: ECOLOGICAL INFORMATION

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No information available at this time.

## PART 13: DISPOSAL CONSIDERATIONS

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Waste Disposal Method:	Uncontaminated PET may be recycled in standard PET waste stream.
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## PART 14: TRANSPORT INFORMATION

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Not regulated as a hazardous material by the U.S. Department of Transportation. Not listed as a hazardous material in Canadian Transportation of Dangerous Goods (TDG) regulations.

## PART 15: REGULATORY INFORMATION

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TSCA: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.  
WHMIS Classification: Not a controlled product

## PART 16: ADDITIONAL INFORMATION

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Date Prepared: 6/17/2013  
Date Revised: 6/17/2013  
Prepared By: Kirei USA, LLC

***User's Responsibility:*** *The information contained in this Material Safety Data Sheet is based on the experience of occupational health and safety professionals and comes from sources believed to be accurate or otherwise technically correct. It is the user's responsibility to determine if this information is suitable for their applications and to follow safety precautions as may be necessary. The user has the responsibility to make sure that this sheet is the most up-to-date issue.*